

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,189,804 B2  
APPLICATION NO. : 10/063583  
DATED : March 13, 2007  
INVENTOR(S) : Goddard et al.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Item (56) References Cited

First Page Col. 2 (Other Publications), 15-16 , Delete "metalloproteanases" and insert -- metalloproteinases --, therefor.

Page 2 Col. 1 (Other Publications), 6, Delete "Oda et a." and insert -- Oda et al. --, therefor.

Page 2 Col. 1 (Other Publications), 21, After "Natl." insert -- Acad. --.

Page 2 Col. 1 (Other Publications), 26, After "Edition," insert -- pp. --.

Page 2 Col. 1 (Other Publications), 49, After "non-invasive" insert -- and invasive --.

Page 2 Col. 1 (Other Publications), 56, Delete "Pathol," and insert -- Pathol. --, therefor.

Page 2 Col. 2 (Other Publications), 25, Delete "Iymphoma" and insert -- Lymphoma --, therefor.

Page 3 Col. 1 (Other Publications), 17, Delete "thrombomoudulin" and insert -- thrombomodulin --, therefor.

Page 3 Col. 2 (Other Publications), 45, Delete "tissures." and insert -- tissues. --, therefor.

Page 3 Col. 2 (Other Publications), 59, Delete "weights" and insert -- weight --, therefor.

Page 4 Col. 2 (Other Publications), 36, Delete "clincial" and insert -- clinical --, therefor.

Page 5 Col. 1 (Other Publications), 30, Delete "108(5);" and insert -- 108(5): --, therefor.

Page 5 Col. 2 (Other Publications), 26, Delete "1997:57(4);" and insert -- 1997;57(4): --, therefor.

Col. 2, Line 18, After "sequences" delete "a,for" and insert -- for --, therefor.

Col. 7, Line 29, Delete "No:17" and insert -- NO:17 --, therefor.

Col. 11, Line 42 (Approx.), Delete "NO:1109" and insert -- NO:109 --, therefor.

Col. 17, Line 63, Delete "webside" and insert -- website --, therefor.

Col. 19, Line 35, Delete "UNIX V40.D." and insert -- UNIX V4.0D. --, therefor.

Col. 20, Line 35, Delete "webside" and insert -- website --, therefor.

Col. 26, Line 32 (Approx.), After "Daltons" insert -- . --.

Col. 31-32 , Line 5 (Table 1), Delete "an" and insert -- and --, therefor.

Col. 76, Line 3, Delete "Freeman -Co.," and insert -- Freeman & Co., --, therefor.

Col. 76, Line 17 (Approx.), Delete "glutaraldehyde" and insert -- glutaraldehyde --, therefor.

Col. 76, Line 30-31 (Approx.), Delete "Freeman -Co.," and insert -- Freeman & Co., --, therefor.

Col. 77, Line 33 (Approx.), Delete "3C,7," and insert -- 3C7, --, therefor.

Col. 77, Line 43 (Approx.), Delete "Acac1." and insert -- Acad. --, therefor.

Col. 79, Line 37, Delete "E. constrains" and insert -- E. coli strains --, therefor.

Col. 79, Line 61, Delete "E75" and insert -- E15 --, therefor.

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- Col. 80, Line 23, Delete "Tolypociadium" and insert -- Tolypocladium --, therefor.  
Col. 81, Line 15, Delete "Saccharomyces" and insert -- Saccharomyces --, therefor.  
Col. 88, Line 17, Delete "arid/or" and insert -- and/or --, therefor.  
Col. 89, Line 2, Delete "Polyglycoli de" and insert -- Polyglycolide --, therefor.  
Col. 91, Line 62, Delete "(1991);," and insert -- (1991)); --, therefor.  
Col. 93, Line 24, Delete "thymidline" and insert -- thymidine --, therefor.  
Col. 95, Line 5, Delete "[ones" and insert -- [Jones --, therefor.  
Col. 95, Line 23, Delete "(Cole" and insert -- [Cole --, therefor.  
Col. 96, Line 64, Delete "also," and insert -- also --, therefor.  
Col. 97, Line 23, Delete "anli-PRO" and insert -- anti-PRO --, therefor.  
Col. 98, Line 17(Approx.), Delete "Aleurites" and insert -- Aleurites --, therefor.  
Col. 99, Line 5 (Approx.), Delete "as:" and insert -- as --, therefor.  
Col. 100, Line 27 (Approx.), Delete "(E)avid" and insert -- David --, therefor.  
Col. 101, Line 28 (Approx.), Delete "nucleoticles" and insert -- nucleotides --, therefor.  
Col. 101, Line 31 (Approx.), Delete "oligionucleotides" and insert -- oligonucleotides --, therefor.  
Col. 102, Line 41, Delete "HD56-5A," and insert -- HD56-5A --, therefor.  
Col. 103, Line 57, Delete "delection" and insert -- deletion --, therefor.  
Col. 103, Line 58, Delete "avaliable" and insert -- available --, therefor.  
Col. 103, Line 58, After "from" delete "(".  
Col. 104, Line 15, Delete "oligoniucleotides" and insert -- oligonucleotides --, therefor.  
Col. 104, Line 42 (Approx.), Delete "(LIIFESQ@" and insert -- (LIFESQ@ --, therefor.  
Col. 106, Line 24 (Approx.), Delete "Clenentech" and insert -- Genentech --, therefor.  
Col. 107, Line 51, Delete "(W3110" and insert -- W3110 --, therefor.  
Col. 107, Line 56, Delete "citrate-2H2O" and insert -- citrate-2H<sub>2</sub>O --, therefor.  
Col. 110, Line 19, After "24:9" delete "(".  
Col. 110, Line 26, Delete "SUPERFECT@" and insert -- SUPERFECT<sup>TM</sup> --, therefor.  
Col. 110, Line 27, Delete "DOSPER@" and insert -- DOSPER<sup>TM</sup> --, therefor.  
Col. 110, Line 27, Delete "FUGENE@" and insert -- FUGENE<sup>TM</sup> --, therefor.  
Col. 112, Line 14, Delete "58° C.," and insert -- 28° C., --, therefor.  
Col. 112, Line 26, Delete "sonicaites" and insert -- sonicates --, therefor.  
Col. 112, Line 34, After "baseline" delete "A" and insert -- A<sub>280</sub> --, therefor.  
Col. 112, Line 55, Delete "Antibotdies" and insert -- Antibodies --, therefor.  
Col. 114, Line 1, Delete "derived;" and insert -- derived --, therefor.  
Col. 114, Line 10, Delete "polypepitide" and insert -- polypeptide --, therefor.

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Col. 114, Line 41, Delete "polypeptiide-associated" and insert -- polypeptide-associated --, therefor.

Col. 115, Line 26-27, Delete "polyppteptide" and insert -- polypeptide --, therefor.

Col. 116, Line 60, Delete "interleukin-1 $\alpha$ (and" and insert -- interleukin-1 $\alpha$  and --, therefor.

Col. 117, Line 2, Delete "polypeptddes" and insert -- polypeptides --, therefor.

Col. 117, Line 14, Delete "polypeptidies" and insert -- polypeptides --, therefor.

Col. 117, Line 66, Delete "oligonucleoltide" and insert -- oligonucleotide --, therefor.

Col. 118, Line 5, Delete "sample" and insert -- samples --, therefor.

Col. 118, Line 24, Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 118, Line 27 (Approx.), Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 118, Line 30, Delete "melanoma rumor" and insert -- melanoma tumor --, therefor.

Col. 118, Line 34 (Approx.), Delete "kidney rumor" and insert -- kidney tumor --, therefor.

Col. 118, Line 37 (Approx.), Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 118, Line 38 (Approx.), Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 118, Line 41 (Approx.), Delete "rectum rumor" and insert -- rectum tumor --, therefor.

Col. 118, Line 43 (Approx.), Delete "kidney rumor" and insert -- kidney tumor --, therefor.

Col. 118, Line 55 (Approx.), Delete "melanoma rumor" and insert -- melanoma tumor --, therefor.

Col. 118, Line 57 (Approx.), Delete "esophageal rumor" and insert -- esophageal tumor --, therefor.

Col. 118, Line 64 (Approx.), Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 119, Line 20 (Approx.), Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 119, Line 22 (Approx.), Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 119, Line 28 (Approx.), Delete "esophageal rumor" and insert -- esophageal tumor --, therefor.

Col. 119, Line 35, Delete "esophageal rumor" and insert -- esophageal tumor --, therefor.

Col. 119, Line 36, Delete "stomach rumor" and insert -- stomach tumor --, therefor.

Col. 119, Line 37 (Approx.), Delete "rectum rumor" and insert -- rectum tumor --, therefor.

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Col. 119, Line 38 (Approx.), Delete "stomach rumor" and insert -- stomach tumor --, therefor.

Col. 119, Line 39 (Approx.), Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 119, Line 40 (Approx.), Delete "rectum rumor" and insert -- rectum tumor --, therefor.

Col. 119, Line 41 (Approx.), Delete "melanoma rumor" and insert -- melanoma tumor --, therefor.

Col. 119, Line 42 (Approx.), Delete "stomach rumor" and insert -- stomach tumor --, therefor.

Col. 119, Line 43 (Approx.), Delete "stomach rumor" and insert -- stomach tumor --, therefor.

Col. 119, Line 44 (Approx.), Delete "lung rumor" and insert -- lung tumor --, therefor.

Col. 119, Line 45, Delete "esophageal rumor" and insert -- esophageal tumor --, therefor.

Col. 119, Line 47 (Approx.), Delete "melanoma rumor" and insert -- melanoma tumor --, therefor.

Col. 119, Line 48 (Approx.), Delete "esophageal rumor" and insert -- esophageal tumor --, therefor.

Col. 119, Line 49 (Approx.), Delete "melanoma rumor" and insert -- melanoma tumor --, therefor.

Col. 119, Line 50 (Approx.), Delete "kidney rumor" and insert -- kidney tumor --, therefor.

Col. 120, Line 63, Delete "Yao" and insert -- (Yao --, therefor.

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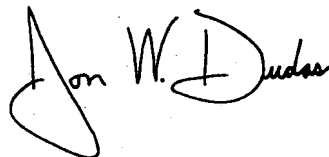
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 121, Line 24, In Claim 1, delete "IDNO:" and insert -- ID NO: --, therefor.

Signed and Sealed this

Twenty-fifth Day of September, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*